

|  |  |   |  |
|--|--|---|--|
| Effective on 12/09/2004.<br>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).<br><h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">For FY 2009</h2> |  | <b>Complete If Known</b><br>Application Number 10/590,113-Conf. #2095<br>Filing Date August 18, 2006<br>First Named Inventor Jae-Chun HYUN<br>Examiner Name R. L. Guill<br>Art Unit 2123<br>Attorney Docket No. 3884-0129PUS1 |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |  |   |  |
| TOTAL AMOUNT OF PAYMENT  |  | (\$) 1,110.00   |  |

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 330         | 165                   | 540         | 270                   | 220              | 110                   |                |
| Design           | 220         | 110                   | 100         | 50                    | 140              | 70                    |                |
| Plant            | 220         | 110                   | 330         | 165                   | 170              | 85                    |                |
| Reissue          | 330         | 165                   | 540         | 270                   | 650              | 325                   |                |
| Provisional      | 220         | 110                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 52       | 26                    |
| Each independent claim over 3 (including Reissues) | 220      | 110                   |
| Multiple dependent claims                          | 390      | 195                   |

| Total Claims   | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|--|--------------|----------|---------------|---------------------------|----------|---------------|
| 6  | - or HP =    | x        | =             |                           |          |               |
| HP = highest number of total claims paid for, if greater than 20.      |              |          |               |                           |          |               |
| Indep. Claims  | Extra Claims | Fee (\$) | Fee Paid (\$) |                           |          |               |
| 1  | - or HP =    | x        | =             |                           |          |               |
| HP = highest number of independent claims paid for, if greater than 3. |              |          |               |                           |          |               |

**3. APPLICATION SIZE FEE**

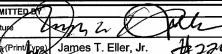
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$)                       | Fee Paid (\$) |
|--------------|--------------|--|--------------------------------|---------------|
| - 100 =      | =            | /50 =  | (round up to a whole number) x | =             |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1253 Extension for response within third month 1,110.00

|   |  |                         |  |                          |  |
|---|--|-------------------------|--|--------------------------|--|
| SUBMITTED BY  |  | Registration No. 39,538 |  | Telephone (703) 205-8000 |  |
| Signature  |  | (Attorney/Agent)        |  |                          |  |
| Name (Print) James T. Eller, Jr.  |  | #22463                  |  | Date December 4, 2009    |  |